

GRAPHIC SCALE  
( IN FEET )  
1 inch = 20 ft.

ESTIMATED IMPERVIOUS AREA  
HOUSE: 0.08 AC.  
DRIVE: 0.03 AC.  
TOTAL: 0.08 AC.

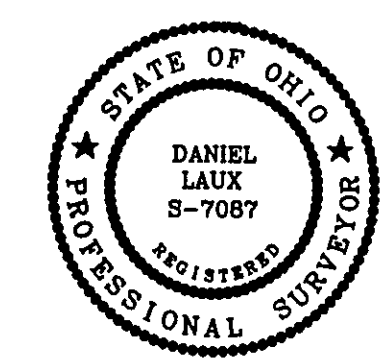
**House Grading Summary**

KEY:  
GAR.FLR.=GARAGE FLOOR ELEVATION AT GARAGE DOOR  
TOP/WALL=TOP OF WALL ELEVATION  
FST.FLR.=FIRST FLOOR ELEVATION  
BSMT.FLR.=BASEMENT FLOOR ELEVATION  
TOP/FTR.=TOP OF FOOTER ELEVATION  
ELEVATIONS USED TO ESTABLISH  
HOUSE FLOOR GRADES:  
-GAR.FLR.+1'-0"=TOP OF WALL  
-TOP OF WALL +1'-0"=FST.FLR.  
-TOP OF WALL - 8'-0"=TOP/FTR.  
-TOP OF FTR.+4'(0.33')=BSMT.FLR.

NOTE:  
-END OF UTILITY CONNECTIONS SHOWN ON THIS PLAN REPRESENT PLAN CONNECTIONS OR EXISTING LATERAL MARKERS, IF LOCATED IN THE FIELD.  
-CONTRACTOR TO VERIFY LOCATION & DEPTH OF LATERALS.  
-SEE ARCHITECT PLANS FOR COMPLETE HOUSE DIMENSIONS.  
-SUMP PUMP TO DRAIN TO SPLASH BLOCKS.  
-DOWNSPOUTS TO BE SPLASH BLOCKED.

THIS PLAT REPRESENTS A SURVEY WHICH MEETS THE MINIMUM STANDARDS FOR A BOUNDARY SURVEY IN THE STATE OF OHIO AS SPECIFIED IN THE OHIO ADMINISTRATIVE CODE CHAPTER 4733.37, SURVEYED ON AUGUST 22, 2008 BY DANIEL LAUX, P.S. #7087. ALL IRON PINS SHOWN HEREON WERE EITHER FOUND OR SET AS NOTED.

THE TOPOGRAPHY, INDICATED BY 1' CONTOURS, AND ELEVATIONS SHOWN HEREON REPRESENT AN ACTUAL FIELD SURVEY MADE BY DANIEL LAUX, P.S. NO. 7087 ON NOVEMBER 21, 2008. THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND AS OF THE ABOVE DATE THEY EXISTED AS INDICATED HEREON.



DANIEL LAUX, P.S. NO. 7087  
DATE 12-5-08

**ZONING DATA:**  
R-1 ZONING  
FRONT SETBACK: 60' FROM CENTERLINE  
SIDE SETBACK: 5'  
REAR SETBACK: 5'

REVIEWED AND ACCEPTED  
LAKE COUNTY GENERAL  
HEALTH DISTRICT  
Date 12/12/08 BY [Signature]  
SEWAGE DISPOSAL PERMIT MUST BE  
OBTAINED BY A LAKE COUNTY LICENSED  
INSTALLER BEFORE INSTALLATION IS  
STARTED

**811 Know what's below.**  
Call before you dig.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

**NOTICE:**  
CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

**O.U.P.S. Reference**  
#A63230106300A

**EXISTING UNDERGROUND UTILITIES NOTE:**  
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL. HOWEVER, POLARIS ENGINEERING & SURVEYING, INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

**NOTE:** THIS SURVEY SUBJECT TO CHANGE UPON RECEIPT OF ANY ADDITIONAL AVAILABLE UNDERGROUND UTILITY INFORMATION.



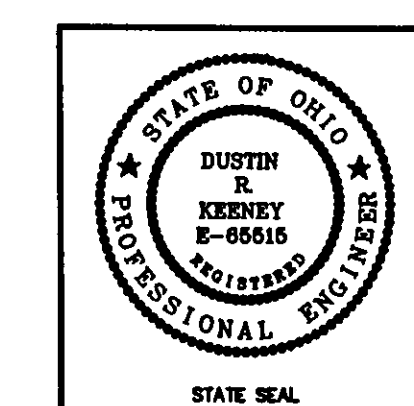
POLARIS ENGINEERING & SURVEYING, INC.  
34000 CHARDON ROAD - SUITE D  
WILLOUGHBY HILLS, OHIO 44094  
(440) 944-4433 (440) 944-3722 (Fax)  
www.polaris-es.com

**BENCHMARK:**  
B.M. = T.B.M. Set On Top Of Hydrant  
Located As Noted  
Elevation As Noted

Prepared For:  
RIVER OAKS HOMES  
P.O. Box 754  
Painesville, Ohio 44077  
Phn.(440)358-9050  
Fax(440)357-8848

**DESIGN CERTIFICATION**  
THIS PLAN WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  
NAME [Signature] DATE 12-5-08

**"AS-BUILT" CERTIFICATION**  
I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS OBTAINED ON THE SITE AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  
NAME \_\_\_\_\_ DATE \_\_\_\_\_



**SUBLOT 33, Elm Street**  
In The Second Powell Allotment  
As Recorded In Vol."C", Pg.63  
City Of Kirtland - Lake County - Ohio  
Prepared For:Loncar Quality Construction

**CONTRACT No.**  
08149  
**DATE:** 11/25/08  
**SCALE:** HOR. 1"=20'  
VERT. N/A  
**FILENAME:** Siteplan.dwg

Stormwater Management Plan  
Approved as shown and/or noted.  
JAMES R. GILLIS, P.E.  
County Drainage Engineer  
By [Signature] Date 12-15-08  
CONTRACT KIRTLAND CITY ENGINEER ABOUT DRIVE CULVERT REQUIREMENTS